WHAT IS CLAIMED IS:

1   1.   A method, comprising:

2   receiving a request to modify a permitted resource allocation;

3   determining a modification restriction providing a limit on modifications that may

4   be made to the permitted resource allocation; and

5   allowing the requested modification to the permitted resource allocation if the

6   determined modification restriction allows the requested modification.

1   2.   The method of claim 1, wherein the determination of the modification

2   restriction comprises determining whether there is one modification restriction for the

3   resource allocation to be modified for a user that initiated the request or for a database to

4   which the resource allocation applies.

1   4.   The method of claim 1, further comprising:

2   generating an error condition if the requested modification is not permitted by the

3   modification restriction.

1   5.   The method of claim 1, wherein the permitted resource allocation

2   comprises an amount of memory or an amount of processor resources to use when

3   processing the operation, and wherein the requested modification of the amount of

4   memory or processor resources to use is permitted if the modification restriction indicates

5   that the permitted resource allocation can be modified.

1   6.   The method of claim 1, wherein the permitted resource allocation

2   indicates a location where data structures may be created, and wherein the requested

3   modification of the location where data structures may be created is permitted if the

4   modification restriction indicates that the permitted resource allocation can be modified.

1   7.   The method of claim 1, wherein the permitted resource allocation

2   indicates a type limitation on the type of data structures that may be created, and wherein

3   the requested modification of the type of data structures that may be created is permitted

4   if the modification restriction indicates that the permitted resource allocation can be

5   modified. by the request.

1   8.   The method of claim 1, further comprising:

2   receiving a request to modify one modification restriction for one permitted

3   resource allocation;

4   modifying the modification restriction as requested if the request is submitted by

5   an administrator; and

6   denying the requested modification of the modification restriction if the request is

7   not submitted by the administrator.

1   9.   The method of claim 1, wherein the modification restriction comprises an

2   immutable indicator indicating whether the modification restriction can be modified by

3   someone other than the administrator.

1   10.   The method of claim 1, wherein the modification restriction is maintained

2   in a stored procedure program, and wherein the permitted resource allocations specify

3   resource allocations to execute the stored procedure program in which the modification

4   restrictions are maintained.

1   11.   A system, comprising:

2   computational resources;

3   circuitry capable of causing operations to be performed, the operations

4   comprising:

5   (i) receiving a request to modify a permitted resource allocation of the

6   computational resources;

7   (ii) determining a modification restriction providing a limit on

8   modifications that may be made to the permitted resource allocation; and

9   (iii) allowing the requested modification to the permitted resource

10   allocation if the determined modification restriction allows the requested

11   modification.

1   12.   The system of claim 11, wherein the determination of the modification

2 restriction comprises determining whether there is one modification restriction for the

3 resource allocation to be modified for a user that initiated the request or for a database to

4 which the resource allocation applies.

1   13.   The system of claim 11, wherein the operations capable of being

2 performed by the circuitry further comprise:

3   generating an error condition if the requested modification is not permitted by the

4 modification restriction.

1   14.   The system of claim 11, wherein the computational resources include

2 memory and processor resources, wherein the permitted resource allocation comprises an

3 amount of the memory or an amount of the processor resources to use when processing

4 the operation, and wherein the requested modification of the amount of memory or

5 processor resources to use is permitted if the modification restriction indicates that the

6 permitted resource allocation can be modified.

1   15.   The system of claim 11, wherein the permitted resource allocation

2 indicates a location where data structures may be created, and wherein the requested

3 modification of the location where data structures may be created is permitted if the

4 modification restriction indicates that the permitted resource allocation can be modified.

1   16.   The system of claim 11, wherein the permitted resource allocation

2 indicates a type limitation on the type of data structures that may be created, and wherein

3 the requested modification of the type of data structures that may be created is permitted

4 if the modification restriction indicates that the permitted resource allocation can be

5 modified. by the request.

1   17.   The system of claim 11, wherein the operations capable of being

2   performed by the circuitry further comprise:

3   receiving a request to modify one modification restriction for one permitted

4   resource allocation;

5   modifying the modification restriction as requested if the request is submitted by

6   an administrator; and

7   denying the requested modification of the modification restriction if the request is

8   not submitted by the administrator.

1   18.   The system of claim 11, wherein the modification restriction comprises an

2   immutable indicator indicating whether the modification restriction can be modified by

3   someone other than the administrator.

1   19.   The system of claim 11, wherein the modification restriction is maintained

2   in a stored procedure program, and wherein the permitted resource allocations specify

3   resource allocations to execute the stored procedure program in which the modification

4   restrictions are maintained.

1   20.   An article of manufacture capable of causing operations to be performed,

2   the operations comprising:

3   receiving a request to modify a permitted resource allocation;

4   determining a modification restriction providing a limit on modifications that may

5   be made to the permitted resource allocation; and

6   allowing the requested modification to the permitted resource allocation if the

7   determined modification restriction allows the requested modification.

1   21.   The article of manufacture of claim 20, wherein the determination of the

2   modification restriction comprises determining whether there is one modification

3   restriction for the resource allocation to be modified for a user that initiated the request or

4   for a database to which the resource allocation applies.

1   22.   The article of manufacture of claim 20, wherein the operations further

2   comprise:

3   generating an error condition if the requested modification is not permitted by the

4   modification restriction.

1   23.   The article of manufacture of claim 20, wherein the permitted resource

2   allocation comprises an amount of memory or an amount of processor resources to use

3   when processing the operation, and wherein the requested modification of the amount of

4   memory or processor resources to use is permitted if the modification restriction indicates

5   that the permitted resource allocation can be modified.

1   24.   The article of manufacture of claim 20, wherein the permitted resource

2   allocation indicates a location where data structures may be created, and wherein the

3   requested modification of the location where data structures may be created is permitted

4   if the modification restriction indicates that the permitted resource allocation can be

5   modified.

1   25.   The article of manufacture of claim 20, wherein the permitted resource

2   allocation indicates a type limitation on the type of data structures that may be created,

3   and wherein the requested modification of the type of data structures that may be created

4   is permitted if the modification restriction indicates that the permitted resource allocation

5   can be modified. by the request.

1   26.   The article of manufacture of claim 20, wherein the operations further

2   comprise:

3   receiving a request to modify one modification restriction for one permitted

4   resource allocation;

5   modifying the modification restriction as requested if the request is submitted by

6   an administrator; and

7   denying the requested modification of the modification restriction if the request is

8   not submitted by the administrator.

1   27.   The article of manufacture of claim 20, wherein the modification

2   restriction comprises an immutable indicator indicating whether the modification

3   restriction can be modified by someone other than the administrator.

1   28.   The article of manufacture of claim 20, wherein the modification

2   restriction is maintained in a stored procedure program, and wherein the permitted

3   resource allocations specify resource allocations to execute the stored procedure program

4   in which the modification restrictions are maintained.